

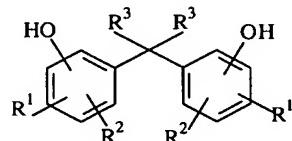
WHAT IS CLAIMED IS:

1 1. A process for stabilizing organosilicon compounds bearing
2 unsaturated groups of the formula II:



4 during one or more of their preparation, distillation, or storage; wherein R^4 is a
5 hydrogen atom or a linear or branched hydrocarbon radical having 1-10 carbon
6 atoms; R^5 is a linear, cyclic or branched hydrocarbon radical having 1-40 carbon
7 atoms optionally containing one or more heteroatoms selected from the group
8 consisting of nitrogen, oxygen, sulfur and phosphorus; R^6 and R^7 are independently
9 linear, cyclic, or branched hydrocarbon radicals having 1-10 carbon atoms, wherein
10 w is 0 or 1, x is 0 or 1, y is 0 or 1, and z is 0, 1 or 2, and wherein w and x are not
11 both 1 simultaneously, the compounds of the formula II having been obtained by
12 reacting a haloalkylsilane with a salt of an unsaturated organic acid,

13 by adding an effective stabilizing amount of one or more compounds of the formula
14 I:



15 (I)

16 wherein R^1 and R^2 are identical or different linear or branched alkyl radicals having
17 1-20 carbon atoms and the radicals R^3 are identical or different substituents selected
18 from the groups consisting of hydrogen and linear and branched alkyl radicals
19 having 1-20 carbon atoms.

1 2. The process of claim 1, wherein the compound of the formula I is
2 4,4'-methylenebis(2,6-di-tert-butylphenol).

1 3. The process of claim 1, wherein the organosilicone compounds
2 bearing the unsaturated groups comprise at least one compound of the formula II
3 selected from the group consisting of 3-methacryloyloxypropyltrimethoxysilane, 3-
4 methacryloyloxypropyl(dimethoxy)methylsilane,
5 methacryloyloxymethyltrimethoxysilane, methacryloyloxymethyltriethoxysilane,
6 methacryloyloxymethyl(dimethoxy)methylsilane, methacryloyl-
7 oxymethyl(diethoxy)methylsilane, methacryloyloxymethyl(dimethyl)methoxysilane,
8 methacryloyloxy methyl(dimethyl)ethoxysilane, 3-
9 acryloyloxypropyltrimethoxysilane, 3-acryloyloxypropyl(dimethoxy)methylsilane,
10 acryloyloxy methyltrimethoxysilane, acryloyloxy methyltriethoxysilane,
11 acryloyloxy methyl(dimethoxy)methylsilane, acryloyl-
12 oxymethyl(diethoxy)methylsilane, acryloyloxymethyl(dimethyl)methoxysilane, and
13 acryloyloxymethyl(dimethyl)ethoxysilane.

1 4. The process as claimed in claim 1, wherein the amount of the
2 stabilizing compound of the formula I used is from 0.001 to 1 percent by weight
3 based on the weight of the organosilicon compound of the formula II.

1 5. The process as claimed in claim 1, wherein the amount of the
2 stabilizing compound of the formula I used is from 0.005 to 0.5 percent by weight
3 based on the weight of the organosilicon compound of the formula II.

1 6. The process of claim 1, wherein said compound of formula I is
2 employed during reaction of said haloalkylsilane with said salt of unsaturated
3 organic acid.

1 7. The process of claim 1, wherein said compound of formula I is added
2 to said organosilicon compound of formula II prior to or during distillation of a
3 composition containing the organosilicon compound of formula II.

1 8. The process of claim 1, wherein said compound of formula I is added
2 to said organosilicon compound of the formula II prior to or during the storage of
3 said organosilicon compound of formula II.